

Single Channel Linear Bench Top DC Power Supplies

multicomp PRO



MP710086
MP710086 US



MP710087
MP710087 US

Application

Military R&D, Quality Inspection, Circuit Functional Testing, Automotive Circuit Testing, Education and Technical Training
Electronic component testing and aging analysis, Monitoring battery charging curve.

Specifications

| Characteristic | Part Number | |
|--------------------|--------------------------------|-------------------------|
| | MP710086 & MP710086 US | MP710087 & MP710087 US |
| Channel | Single Channel Output | |
| Total Output Power | 150W | 180W |
| Channel Output | 0 - 30V / 0 - 5A × 1-CH | 0 - 60V / 0 - 3A × 1-CH |
| Display | 3.7 inch colour LCD display | |
| Dimension | 117mm(L) × 194mm(H) × 295mm(D) | |
| Weight | Approx. 5.6 kg | Approx. 5.8 kg |
| Interface | RS232 and USB | |

| Characteristic | | MP710086 & MP710086 US | MP710087 & MP710087 US |
|-----------------------------|---------|------------------------|------------------------|
| Rated Output (0°C to -40°C) | Voltage | 0 to 30V | 0 to 60V |
| | Current | 5A | 3A |
| Load Regulation | Voltage | ≤0.01% +3mV | |
| | Current | ≤0.01% +3mA | |
| Power Regulation | Voltage | ≤0.01% +3mV | |
| | Current | ≤0.01% +3mA | |
| Setting Resolution | Voltage | 1mV | |
| | Current | 1mA | |

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| Characteristic | | MP710086 & MP710086 US | MP710087 & MP710087 US |
|--|----------------|------------------------|------------------------|
| Read Back Resolution | Voltage | 1mV | |
| | Current | 1mA | |
| Set Point Accuracy (within 12 months) (25°C ±5°C) | Voltage | ≤0.03% +10mV | |
| | Current | ≤0.1% +5mA | |
| Read Back Resolution (25°C ±5°C) | Voltage | ≤0.03% +10mV | |
| | Current | ≤0.1% +5mA | |
| Ripple/Noise (20Hz - 20MHz) | Voltage (Vp-p) | ≤4mVp-p | |
| | Voltage (rms) | ≤1mVrms | |
| | Current (rms) | ≤4mA rms | |
| Output Temperature Coefficient (0°C to +40°C) | Voltage | ≤0.03% +10mV | |
| | Current | ≤0.1% +5mA | |
| Read Back Temperature Coefficient | Voltage | ≤0.03% +10mV | |
| | Current | ≤0.1% +5mA | |
| Response Time | | 100µs | |
| Storage | | 5 groups of data | |
| Working Temperature | | 0 - 40°C | |

Note: The instrument must be operated continuously for more than 30 minutes at the specified temperature to ensure the following parameters.

Accessories Included : (UK / EU) or US Power Cord, Fuse, RS232 Cable, USB Cable and User Manual
 Standard Warranty : 12 Months

Part Number Table

| Description | Part Number |
|---|-------------|
| Bench Top Power Supply, 150W, 30V DC, 5A, UK/EU | MP710086 |
| Bench Top Power Supply, 180W, 60V DC, 3A, UK/EU | MP710087 |
| Bench Top Power Supply, 150W, 30V DC, 5A, US | MP710086 US |
| Bench Top Power Supply, 180W, 60V DC, 3A, US | MP710087 US |

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